



380 – WINDBREAK/SHELTERBELT ESTABLISHMENT IMPLEMENTATION REQUIREMENTS

Name:	Farm No./Tract No.:
Address:	Field Number(s):
Assisted by:	Financial Assistance Program:
Date:	Contract Number:

Practice Purposes(s) (check all that apply)

- ☐ To provide shelter for structures, animals, and people.
- ☐ To improve air quality by reducing and intercepting airborne particulate matter, chemicals, and odors.
- ☐ To provide noise screens.
- ☐ To provide visual screens.
- ☐ To reduce energy use.
- ☐ To reduce wind erosion.
- ☐ To protect plants from wind related damage and alter the microenvironment to enhance plant growth.
- ☐ To improve irrigation efficiency.
- ☐ To manage snow deposition.
- ☐ To enhance wildlife habitat.
- ☐ To increase carbon storage in biomass and soils.
- ☐ To delineate property and field boundaries.

Practice Specifications

Windbreak/Shelterbelt Planting Layout

Planting Area (Field #)	Min. Width (ft)	Length (ft)	Number of Rows	Total Linear Feet (length x no. of rows)	Acres

- ☐ Practice location(s) is/are shown on the conservation plan map.

Plant Type(s) (check all that apply)

- ☐ Trees ☐ Shrubs ☐ Companion cool-season grass planting for trees/shrubs

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Planting Specifications					
Planting requirements (site prep, planting methods, establishing the planting, etc.) are provided as follows: <input type="checkbox"/> Delaware NRCS Fact Sheet – Trees and Shrubs (attached)					
SPECIES AND PLANTING RATES for TREES AND SHRUBS, AND COMPANION GRASS PLANTINGS					
Planting Area (Field #)	Acres	Plant Species (list cultivar, if needed)	Spacing (LF) Between Plants	Number of Plants Needed per Acre	Total Quantities Needed
COMPANION PLANTING (optional; low-growing mix for controlling erosion and/or suppressing weeds during tree/shrub establishment)					
Planting Area	Acres	Recommended Mix	Cultivar (if any)	Seeding Rate (lbs/ac)	Total Quantities Needed (lbs)
		Creeping Red Fescue or Chewings Fescue		3 - 6	
		Hard Fescue		3 - 6	
		Sheep Fescue		3 - 6	
		White Clover		1 - 2	
Recommended Planting Date(s):					
Fertilizer and Soil Amendments: Apply only if needed, based on soil test results. Do not fertilize woody plants in the first year because the plants will develop too much top growth compared to the roots.					
Additional Recommendations/Notes:					

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Operation and Maintenance

Periodic management is needed to ensure successful implementation of this practice: (check all that apply)

- ☐ Inspect the windbreak at least annually. Shape and replant areas damaged by heavy rainfall, animals, chemicals, tillage, or equipment traffic, and any other areas where the vegetation is not adequate.
- ☐ If survival is less than expected during the first two years, replant as needed to achieve the intended purpose of the practice. If native trees and/or shrubs (other than what was planted) become established, and this cover meets the intended purpose of the practice, the cover should be considered adequate. Follow the maintenance recommendations in the attached fact sheet for additional information.
- ☐ Nutrients may be applied after the first year, but only if needed based on soil test results.
- ☐ If tree shelters are used, remove them before they impede the growth of the trunk. Removal should not occur until the seedling has adequate girth to support itself (usually 3 to 5 years after planting).
- ☐ Check for insects and diseases, and if an incidence threatens stand survival, take corrective action to keep the pest under control.
- ☐ Control undesirable plants by pulling, mowing, or spraying with a selective herbicide. Control noxious weeds as required by state law.
- ☐ Protect the planting from wildfire and damage from livestock, wildlife, and equipment, to the extent feasible.
- ☐ Acceptable uses (e.g., occasional removal of some tree and shrub products, etc.) and time of year or frequency of use restrictions, if any (list):

- ☐ Other requirements, or follow-up needed (describe):

Plan Approval

Certified Planner Signature	Title	Date
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Plan Received and Accepted

Client Signature	Date
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Certification of Practice Completion

This Windbreak/Shelterbelt Planting has been installed and meets the requirements of Delaware NRCS Conservation Practice Standard 380. Any changes to the planned practice are noted in Practice Specifications.

Certified Planner Signature	Title	Date
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